

Appl No.: 10/084,688

AF 1762

Atty. Dkt.
UCF-293

IFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant: Lee Chow
Serial No.: 10/084,688
Filed: 2/27/02
For: Fabrication of Nano-Scale Temperature Sensors and Heaters
Examiner: Marianne L. Padgett
Attorney Docket No.: UCF-293

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER '116

Sir:

In response to the final office action mailed July 2, 2004 and the telephone interview on July 27, 2004, please amend the above-identified application as follows:

Amendments to the Specification are reflected in on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3 of this paper.

Remarks/Arguments begin on page 7 of this paper.

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Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

FAXED: 8/23/04 to (571) 273-1425


Honorable Commissioner:

I enclose the following papers:

1. Proposed Amendment Response and Arguments
2. Replacement Sheet for FIG. 4

Please enter the above correspondence.

Respectfully submitted,



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CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below by facsimile addressed to the: Commissioner of Patents and Trademarks, P.O. Box 1450 Alexandria, VA 22313-1450.

8/23/04
Date

Brian S. Steinberger
(Name of Person Sending Facsimile)


(Signature of Person Sending Facsimile)

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Honorable Commissioner for Patents

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PROPOSED AMENDMENT UNDER '116

Sir:

In response to the final office action mailed July 2, 2004 and the telephone interview on July 27, 2004 and August 23, 2004, please amend the above-identified application as follows:

Amendments to the Specification are reflected in on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3 of this paper.

Remarks/Arguments begin on page 6 of this paper.

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*proposed*Atty. Dkt.
UCF-293

This paragraph change will replace all prior versions, and listings, in the application.

Page 2, line 25, add paragraphs as follows:

In preferred embodiments, the first metal nano sized strip and the second metal nano sized strip each can include a thickness(diameter) of approximately 50nm, and a bi-metal sensing junction therebetween that can include a cross-sectional area of approximately 50 X 50 nm².

Further objects and advantages of this invention will be apparent from the following detailed description of the presently preferred embodiments which are illustrated schematically in the accompanying drawings.